



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1438  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/887,413	06/21/2001	Yi-Min Wang	MS1-752US	8942

22801 7590 04/11/2006

LEE & HAYES PLLC  
421 W RIVERSIDE AVENUE SUITE 500  
SPOKANE, WA 99201

EXAMINER

RIMELL, SAMUEL G

ART UNIT PAPER NUMBER

2164

DATE MAILED: 04/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/887,413

**Applicant(s)**

WANG ET AL.

**Examiner**

Sam Rimell

**Art Unit**

2164

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-42 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-42 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

  
**SAM RIMELL**  
**PRIMARY EXAMINER**

### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. ____.  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____.   | 6) <input type="checkbox"/> Other: ____.                                    |

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-42 are rejected under 35 U.S.C. 102(e) as being anticipated by Wagner (U.S. Patent 6,092,102).

Claim 1: Col. 6, lines 30-46 describes the general concept of receiving information and generating an alert. As seen in FIG. 1, the alert gets generated at (26) and is received by module (34) which performs mapping functions. Col. 6, lines 45-46 specify that the alert is mapped to specific delivery modes. Table III in column 12 illustrates one of the mechanisms for accomplishing the mapping, namely a mapping table. Once the message is mapped to the specified deliver mode, such as e-mail or pager, the message is sent according to the specified mapping.

Claim 2: As seen in Table III, the message can be mapped according to the source. In particular, line 1 of Table III specifies that messages from a laboratory are mapped to a specific type of pager.

Claim 3: The alerts may be mapped according to their content. Col. 12, lines 27-29 specify that surgeons may be mapped as receiving messages relating to surgical techniques while pharmacists may be mapped as receiving information for new drugs.

Claim 4: As seen in Table III, the delivery mode is in fact a delivery method. Table III illustrates five different delivery methods, as specified by the columns of Table III.

Claim 5: Table III specifies five different delivery methods, as seen from the columns of the table. One of the delivery methods is “2-way fail safe pager” in which the message is repeated until it is acknowledged. This would read on the steps of waiting for an acknowledgement in the case where an acknowledgement is expected.

Claim 6: Col. 14, lines 39-46 further describe the “fail safe pager” mode. In this instance a time is established to wait for an acknowledgement since an acknowledgement is expected in this mode.

Claim 7: Table III illustrates five different delivery modes corresponding to five different delivery methods, as seen from the columns of the table. Any one method corresponds to a first delivery method and any second method corresponds to a second delivery method.

Claim 8: The rows of Table III specify some of the possible categories of alerts, such as “Lab Test” or “New Article”. Each of the categories can be assigned a delivery mode (defined by the columns of the table). Thus, table III defines a mapping between category of alert and delivery mode.

Claim 9: Table IV in columns 12 illustrates the assignment of priorities to the categories. For example, the category of “Lab Tests” is assigned an immediate deliver priority. The “Lab Test” category is also assigned a specific delivery mode, namely, the “Fail Safe” pager mode that is associated with the prioritized category.

Claim 10: Table V illustrates a mapping of each delivery mode to multiple delivery blocks. For example, the “two way fail safe pager” is a delivery mode that is mapped to a primary delivery block (the column data “time latency—immediate”) and a secondary delivery block (the column data “Fail Safe—Yes”). In this instance, when the primary delivery block

Art Unit: 2164

requiring immediate alert delivery fails, the data in the secondary block will control the subsequent actions, in which case the message is repeatedly sent according to the fail safe mode (col. 14, lines 39-46).

Claim 11: The primary delivery block is the column data “Time Latency—Immediate”. The secondary delivery data is the column data “Fail Safe—Yes”. No acknowledgement is awaited under the primary block because none is required. An acknowledgement is awaited under the conditions of the secondary delivery block, because the fail safe mode requires an acknowledgement after a certain time period to stop the repeated message transmissions (col. 14, line 39-46).

Claim 12: See remarks for claim 10.

Claim 13: See remarks for claim 11.

Claim 14: See remarks for claim 11.

Claim 15: Col. 14, lines 39-46 describe the waiting of time periods for acknowledgement to the messages.

Claim 16: FIG. 1 illustrates an input/output module for inputting alert information (20) and outputting alerts to users (10, 12, 14). Table III illustrates a mapping module to map alerts to one of five delivery modes, as specified by the columns of FIG 3. FIG. 1 illustrates a communications layer interface (32) that is an interface the communications modules (i.e. e-mail systems and pagers) used by the end users (10, 12, 14).

Claim 17: See remarks for claim 2.

Claim 18: See remarks for claim 3.

Claim 19: See remarks for claim 4.

Art Unit: 2164

Claim 20: Table III specifies transmission by e-mail. Table V specifies immediate pager transmission, which reads as instant messaging. Table III pagers, which are short message service type messages.

Claim 21: For any one given delivery mode, such as “Two Way Pager with Fail Safe”, a primary and secondary delivery block is provided. The primary block is the column data “Time Latency--Immediate”. The second block is “Fail Safe—Yes”. In the “Fail Safe—Yes” block of data, an acknowledgement to the message is expected (col. 14, lines 39-46).

Claim 22: Each of the primary and secondary delivery blocks specifies types of delivery actions. In the secondary delivery block, an acknowledgement is expected. (col. 14, lines 39-46).

Claim 23: Acknowledgements are expected after specific, predefined time periods (col. 14, line 44).

Claim 24: See remarks for claim 10.

Claim 25: Messages must be delivered according to both the primary and secondary delivery blocks specified in Table V.

Claim 26: See remarks for claim 10.

Claim 27: See remarks for claim 8.

Claim 28: FIG. 1 illustrates a processor (8), an I/O module (22), a memory (24) and an alert center (6). The alert center (6) includes a subscription layer (Table III and block 34). Messages are received at block (34) (the preferences block) after they are generated by the event monitor (4), as seen in FIG. 1. The preferences are specified in table III and assign a delivery mode. Referring back to FIG. 1, the system further includes a communications layer (32).

Claim 29: Col. 14, lines 39-46 call for the system to monitor acknowledgements of alert deliveries in the fail safe mode.

Claim 30: As described at col. 14, lines 39-46, the system monitors for acknowledgement of delivery. If delivery is not made, a backup of method of repeating the message is provided.

Claim 31: Table V in its entirety is readable as a primary delivery block. It specifies five delivery actions, as specified in the columns, For any one given delivery mode, such as “two way pager” specified in the first line, all five delivery actions must be met.

Claim 32: In Table V, each delivery mode is a row of the table. The primary delivery block can be the column data “Time Latency--Immediate”. The secondary delivery block can be the column data “Fail Safe –Yes”. As specified in col. 14, lines 39-46, if immediate delivery of the message is not achieved, the system turns to the fail safe mode in the secondary block and begins repeating the messages until acknowledged.

Claim 33: See remarks for claim 11.

Claim 34: See remarks for claim 8. The mapping module is Table III.

Claim 35: See remarks for claim 1.

Claim 36: See remarks for claim 8.

Claim 37: Table III specifies five delivery modes, which corresponds to five delivery actions.

Claim 38: Table V specifies delivery modes in the rows and delivery actions in the columns. Any one given delivery mode has five delivery actions associated with it.

Claim 39: See remarks for claim 10.

Claims 40-41: The phrase “the primary delivery mode” lacks antecedent basis. So the claim is subject to various interpretations. The “primary delivery mode” can be considered one of the rows in Table V. Each row has five delivery actions. If a message has failed to be received by an end user, then all five of the actions are inherently failed.

Claim 42: Col. 14, lines 39-46 specifying the monitoring for an acknowledgement by the system.

Remarks

Claim 1: Applicant argues that Wagner does not teach the concept of receiving an alert. This argument is not correct. lines 30-46 and FIG. 1, the event monitor generates alert messages (26) which are received at module (34) which performs the mapping functions.

Claim 10: Applicant’s arguments pertaining to claim 10 are moot since they discuss a version of claim 10 which no longer exists. The copy of claim 10 reproduced in the arguments is not the current amended version of claim 10, so applicant’s arguments pertaining to this version are moot. Additionally, applicant argues that Wagner does not disclose “conditionally transmitting”, although claim 10 makes no reference to conditional transmissions.

Claim 16: Applicant argues that Wagner does not disclose a module configured to receive alerts from multiple sources. The sources of the alert information are from the enterprise (20). Any one of the users within the enterprise or systems within the enterprise becomes a discrete source of information.

All claims are drawn to the same invention claimed in the application prior to the entry of the submission under 37 CFR 1.114 and could have been finally rejected on the grounds and art of record in the next Office action if they had been entered in the application prior to entry under



Art Unit: 2164

37 CFR 1.114. Accordingly, **THIS ACTION IS MADE FINAL** even though it is a first action after the filing of a request for continued examination and the submission under 37 CFR 1.114. See MPEP § 706.07(b). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication should be directed to Sam Rimell at telephone number (571) 272-4048.



Sam Rimell  
Primary Examiner  
Art Unit 2164